

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

SHIG CPTA1402US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/527140

INTERNATIONAL APPLICATION NO.

PCT/JP03/12689

INTERNATIONAL FILING DATE

02 Oct 2003

PRIORITY DATE CLAIMED

07 October 2002 (07.10.2002)

TITLE OF INVENTION

BLOOD FLOW VISUALIZING DIAGNOSTIC APPARATUS

APPLICANT(S) FOR DO/EO/US

HAYASE et al.

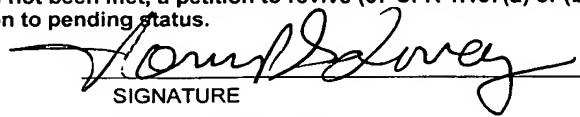
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **ED 202289387 US**
23. ☒ Other items or information:
Copy of Form PCT/IB/308

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.6)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/527140		PCT/JP03/12689		SHIG CPTA1402US	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ \$300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$ \$200.00	
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$ \$500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ \$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	/50 =		x \$250.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	2 - 20 =	0	x \$50.00	\$ \$0.00	
Independent claims	1 - 3 =	0	x \$200.00	\$ \$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ \$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ \$1,000.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ \$500.00	
SUBTOTAL =				\$ \$500.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ \$0.00	
TOTAL NATIONAL FEE =				\$ \$500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$40.00	
TOTAL FEES ENCLOSED =				\$ \$540.00	
Amount to be refunded:				\$	
Amount to be charged:				\$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is c. <input type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-1391</u> . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Norman P. Soloway HAYES SOLOWAY P.C. 130 W. Cushing Street Tucson, Arizona 85701					
 SIGNATURE Norman P. Soloway NAME 24,315 REGISTRATION NUMBER					

10/527140

ST12 Rec'd PCT/PTO 09 MAR 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Docket No.

Applicant(s): HAYASE et al.

SHIG CPTA1402AU

Application No.	Filing Date March 9, 2005	Examiner	Customer No. 27667	Group Art Unit
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Invention: **BLOOD FLOW VISUALIZING DIAGNOSTIC APPARATUS**

I hereby certify that the following correspondence:

National Phase Patent Application

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 9, 2005*(Date)*Shauna Bronson*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*ED 202289387 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

10/527140

Docket No. SHIG CPTA1402AU
Information Disclosure Statement

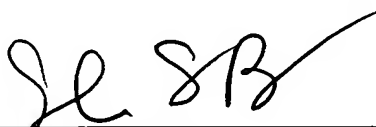
DT12 Rec'd PCT/PTO 09 MAR 2005

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Mailing Label No. ED 202289387 US

Date of Deposit March 9, 2005

I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing 

Name of Person Mailing Shauna Bronson

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